25X1 25X1

24 March 1970

MEMORANDUM FOR: Holders of COMIREX-M-91

SUBJECT

: Revised Pages

distribution of the second

It is requested that the attached revised pages be substituted for pages 6, 12, and 13 in COMIREX-M-91.

COMIREX-M-91 were approved by COMIREX on 19 March 1970 subject to the revisions reflected in the attached revised pages.

25X1A

Attachments Revised pages

DIA, JCS and NRO review(s) completed.

Copy <u>4</u> of 68

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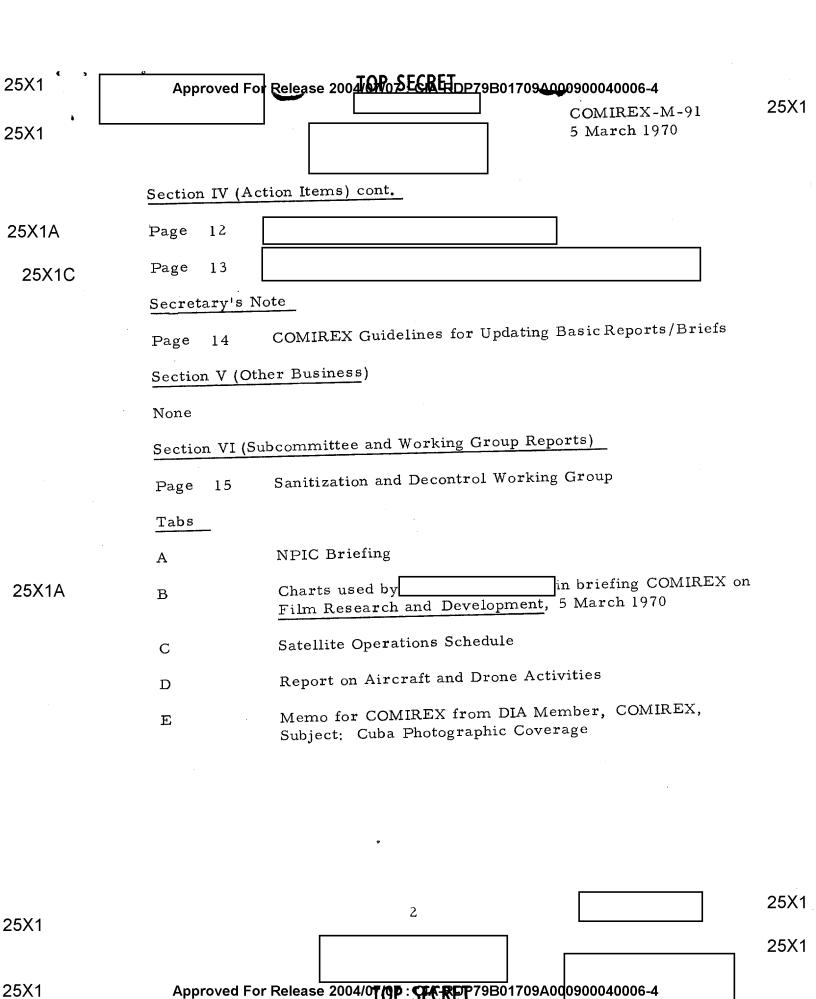
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GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSISTICATION

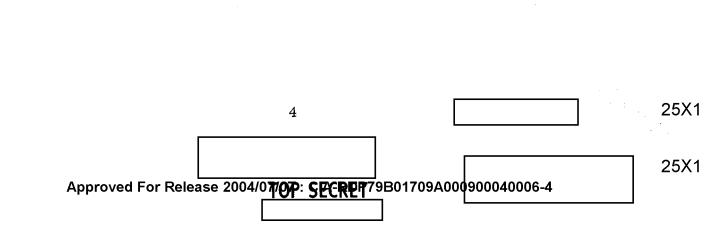
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• L	Aggroved. M-42,19 m	when	COMIREX-M-9: 5 March 1970	I
			ON IMAGERY REQUIREMENTS AND EXPLOITATION	<b>J</b>
	COMMI		COMIREX-M-91 5 March 1970	
	COMIR	The fo	ollowing is an index of the Minutes of the 5 March 1970 eeting:	)
	Section	I (Br	lefings)	
	Page	5	NPIC Briefing	
	Page	5	Film Research and Development	
	Section	II (A	pproval of Minutes)	
	Page	7	Approval of Minutes	
	Section	ı III (C	Operations)	
	Page	7	Satellite Schedule	
	Page	8	Report on Aircraft and Drone Activites	
	Section	n IV (.	Action Items)	
25X1A	Page	8		
	Page	10	Cuba Requirement Revision (COMIREX-D-24, 3/1-2nd Draft)	
	Page	11	CORONA Search Requirement Revision (COMIREX	(-D-13, 3/2)
25X1C	Page	11		
			Copy_4 of	25X1
25X1 "				25X1
25X1	GROUP 1 EXCAUS AUTOMATIC DO AND DECLASSIFIC	PROME ATION	d For Release 2004 <b>700/07SEUR-E</b> DP79B01709A000900040006-4	



25X1 ' '	Approved For Release 2004 TO 75 EGREEDP 79B01709 A000 9000 40006-4  COMIREX - M - 91 2:	5X1
25X1 . L	5 March 1970	5/(1
	COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION	
25X1A	COMIREX-M-91 Auditorium,  5 March 1970 1000-1245	
25X1A	MEMBERS AND STAFF PRESENT  CHAIRMAN:	
25X1A	CIA: Navy: Capt. L. W. Moffit	
25X1A	State: Mr. L. A. Moyer, Jr. Air Force: Col. C. E. Davison	X1A
25X1A	Office of the Chairman: Executive Secretary	
	CONSULTANTS PRESENT 25>	<b>K1</b> A
25X1A	NPIC: NRO:	
	SUBCOMMITTEE AND WORKING GROUP REPRESENTATION 25)	×1A
25X1A	ICRS: EXSUBCOM: EXRAND:  DBWG: MCGWG: SDWG:	
	ALTERNATES AND OBSERVERS PRESENT 25	X1A
25X1A	CIA: DIA: Navy: Cdr. H. W. Gamber	
25X1A	Air Force: Lt. Col. N. D. Thurman NRO:	
	3	5X1
25X1	2	5X1
25X1	Approved For Release 2004/07(0): SEA-REP79B01709A000900040006-4	

25X1	, , , ,	Approved For R	elease 2004/0 <b>F0P</b>	: <b>S.F.C.R.F.</b> F79B0170	09A000900040006-4 COMIREX -M -91	25X1
25X1					5 March 1970	
	NPIC	Briefings			25X1A	
25X1D						
25X1C			arch and Devel			
	Weat	her Satellite	Support for NR	O Operations		



¥	Approved For Release 2004 (C) RECRET DP79B01709A000900040006-4  COMIREX - M - 91	25X1
25X1	Section I (Briefings)	
	NPIC Briefing	25X1
25X1A	1. introduced NPIC personnel who presented briefings on the following topics: (1) Dummy Aircraft in Egypt; (2) Alleged Soviet MRBM's in Egypt; (3) Chinese ActivityChenpao (Damansky) Island; (4) Newly	
25X1C	Identified SCALEBOARD Launch Sites in the USSR; and A brief	
25X1A	summary of the highlights presented is attached at Tab A.  noted that NPIC produced three OAKs and 14 OAK  Supplements	25X1D
	Film Research and Development	25X1
25X1A	and to brief on new types of film under development by the NRO. He noted there were some promising prospects in this field that should provide us with considerably improved film quality as well as capabilities we do not have at present.	25X1A
25X1A	policy of not accepting contracts for the development of new emulsions or materials. The only way to have them work up a new product is to convince them of a need and a potential market, as in the case of the new SO-242 color film. There are other companies, however, that will accept an R&D contract for a specific type of film and the government then owns the rights to the resulting product.	
	4. Copies of the charts which used in his briefing on the characteristics of various types of film presently in use and film under development are attached at Tab B.	25X1A
25X1	5	25X1

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25X1

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1	COMIREX-M-91 2	25X1 25X1
	5. The Chairman thanked 25 for their informative briefing and indicated that COMIREX will	X1A
	continue to follow with great interest the NRO's efforts to improve film quality and capability. He encouraged them to keep COMIREX	
	informed on developments as they occur.	
25X1A	6. asked whether there are any plans to propose the test use of night film on upcoming missions.	X1A
	stated that there were no plans for night film tests on CORONA missions at this time. /Subsequent to the meeting, to complete the picture,	
25X1A	provided the following information on supplemental film	
25X1D		
	We set an Set allita Suggest for NRO Operations	25X1
25X1A	Weather Saterine Support for 1110 Sportations	
25/1/	members on weather satellite support for NRO operations. The 25	X1A
	Chairman expressed the appreciation of the Committee to for a very impressive briefing.	
25X1		25X1
25X1		25X1
	Approved For Release 2004/0 <mark>7/<b>፬</b>0 Pc<b>%</b>E-€<b>R</b>E₹9B01709A000900040006-4</mark>	

'	REX-M-91 25X1 rch 1970 25X1
Section II (Approval of Minutes)	
Since neither COMIREX-M-89 nor COMI had reached members in time for their review, they wi scheduled for approval at the next COMIREX meeting.	
Section III (Operations)	
Satellite Schedule	25X1
25X1A  1. The satellite schedule as of 5 March 197 attached at Tab C. reported Mission 1109 w at 1714 yesterday (4 March). Through Rev 8, about 25 the first bucket's film had been expended and if good we maintained it was likely that the first bucket would be r	s launched ercent of ther
25X1A early. cautioned that, while the assessed w coverage appears exceptionally good for most areas, the for Eastern Europe and the Western USSR is currently	ther weather out
25X1A l5 percent below normal climatology for this time of th to storm conditions. asked if the Dopple	was
25X1A operating and replied that it was being calib: Rev 10.	ted on
2. With regard to the high interest in obtain of the Soviet Belorussian Military District, where field Dvina is under way, as well as of the Czech border are said that portions of Czechoslovakia would be accessed during the mission. Weather is down to around 10 to 1 the present time, however.	xercise 25X1A s,25X1
	0574
25X1 7	25X1 25X1

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25X1	Approved For Release 2004 TO TO TO THE TOP 79B01709A000900040006-4	., 25X1
25X1	COMIREX-M-9 5 March 1970	)1 25/11
	Report on Aircraft and Drone Activities	25X1
25X1A	granted for a GIANT SCALE mission over North Korea during March. ICRS has discussed targets for the mission and members have been asked to provide any additional target recommendations by close of business today.	
	4. The reports presented by the Acting DIA Member, the CIA Member, and the Chairman, ICRS, on aircraft and drone activities, coverage of special targets in the Far East, and satisfaction of the Cuba 56-day requirement are recorded in Tab C	!•
	Section IV (Action Items)	
25X1		
25X1D		
	8	] 25X1
25X1		25X1

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25X1	Approved For Release 2004 TO BOY SELECTION 1709 A000900040006-4	25X1
25X1 · [	COMIREX-M-91 5 March 1970	23/(1
	CORONA	
	Mission 1110 20 May Mission 1111 19 August Mission 1112 18 November	
		25X1
25X1A	made what he referred to as the very important point that the CCRP not only expresses minimum quantities of high-resolution surveillance coverage required against a variety of target categories but that it also provides guidance on the importance of continuity of coverage and the mission-by-mission needs related to highly current problems. He noted, for example, that NPIC briefings to COMIREX regularly point up the importance of this need for continuity of coverage in order to ascertain and follow the course and pace of critical new developments. He emphasized that the continuity of coverage now being obtained is very marginal and of considerable concern to this Committee.	
25X1A 25X1A	asked that members examine carefully the proposed revised schedule and make their feelings on it known to his office. When the NRO Representative commented that they would welcome an updated CCRP, noted that, while the original document itself is dated, up-to-date amplification is regularly provided to the NRO in terms of the pre-mission planning and guidance developed	
	9	25X1
25X1		
25X1		25X1

25X1 [	Approved For Release 2004/07/09: SECRET 79B01709A000900040006-4  COMIREX-M-91  5 March 1970	25X1 25X1
	by ICRS. Through ICRS, the status of CCRP targets and coverage is reviewed and requirements in all categories are studied and assigned	25X1
	important to assure that COMIREX and NRO have a common understanding on all aspects of the level of CCRP satisfaction, including continuity of coverage and mission directed requirements.	
25X1A	Cuba Requirement Revision (COMIREX-D-24. 3/12nd Draft)  5. reported that the Joint Chiefs have	25X1
	approved deletion of the current ment on Cuba and recommended that periodic photo-reconnaissance overflights be maintained at a frequency of	25X1 25X1
25X1 25X1	He said, however, that the question of whether complete coverage of the island is needed as provided in the existing USIB requirement, as stated in the proposed new requirement, has not been resolved. DIA was directed to consult with CINCLANT	<b>3</b>
	on this portion of the requirement. said that the CINCLANT response is due 11 March. (See Tab E for Memorandum to COMIREX from the DIA Member.)	25X1A
	6. The Chairman asked	25X1A
25X1	10	25X1
25X1	Approved For Release 2004/07/017 SECRETP79B01709A000900040006-4	25X1

25X1		25X1 25X1
	J Waten 1970	20/(1
25X1A	He wants to be sure he has an accurate and up-to-date understanding of it at all times. He said that he planned to recommend that COMIREX await the results of the DIA/CINCLANT coordination and then move rapidly to complete action and forward the revised requirement to the Board. He noted that the second draft distributed at today's meeting is written on the assumption and the hope that coordination with CINCLANT will result in an agreement to the requirement for	5X1
	CORONA Search Requirement Revision (COMIREX-D-13.3/2)	25X1
	7. The Chairman apologized for the fact that the draft paper on the proposed revision of the CORONA search requirement is not ready for circulation. He believed, however, that nothing is being held up or impeded in the current operation of the CORONA program due to absence of the subject paper since explicit guidance already has been given to the NRO to use, to the extent possible, the newly defined areas outlined in the recent amplification of	5X1D
25X1A	requirement (COMIREX-D-15. 2/14) in operating the KH-4 program.  stated that he was not aware of any problems arising because the formal document is not yet available.	
25X1C		
25X1		25X1 25X1
25X1	Approved For Release 2004/07/ <b>070 PCIS FRURE</b> PB01709A000900040006-4	

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25X1	Approved For Release 2004/0 700 SECRET 79B01709A000900040006-4	05)//
•	COMIREX-M-91	25X1
	5 March 1970	25X1
25X1A	which would be avoided if they were put on regular distribution. The cost of providing copies of the eight past missions will be something less than \$100 per copy and even less than that for current missions.  Said he would notify that we would make the stellar photography available as requested.	25X1 <i>A</i>
	Secretary's Note:	
	COMIREX Guidelines for Updating Basic Reports/Briefs	
	COMIREX Guidelines for Updating Basic Reports/Briefs were approved telephonically by COMIREX members as of 27 February 1970. The approved guidelines were issued as COMIREX-D-31.3/13A, 3 March 1970.	

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25X1 25X1 **Next 13 Page(s) In Document Exempt** 

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COMIREX-M-91 5 March 1970 Tab D

25X1

## Report on Aircraft and Drone Activities

### FAR EAST

## BUFFALO HUNTER (Formerly BUMPY ACTION) (20 February - 5 March 1970)

DATE	MISSION NO.	AREAS/TARGETS	RESULTS
20 Feb	Q607/506 (low)	Segs Rte 7, Quang Lang Afld, Vinh Son Complx	Water Recovery
21 Feb	Q549A/508 (1ow)	Cam Pha Port, Kep RR Yd, Kep Afld, Hiep Hoa Afld	Water Recovery
21 Feb	Q594/509 (1ow)	Bai Thuong Afld, Thanh Hoa Army Bks So	MARS
22 Feb	Q603/510 (1ow)	Cat Bi Afld, Haiphong Port Fac	MARS
23 <b>F</b> eb	Q548A/511 (1ow)	SAM 263, Bac Mai Afld, Hanoi Port Fac, Yen Vien RR Yd	MARS
23 Feb	Q579A/512 (low)	Vinh Afld, Vinh TSP, Segs Hwy 8, 82	Lost
24 Feb	Q914/513 (high)	Na San Afld, Dien Bien Phu Afld, Lai Chau Cplx, Hwy 19 Segs A & B, Hwy 4 Segs O, P, Q, Hwy 45, 32 Seg A, Hwy 3 Seg C	MARS
24 Feb	Q602/515 (low)	Hwy 7, Quang Lang Afld, Vinh Son Complx, Area Search, Vinh Afld, Vinh TSP, Hwy 82 Seg A	MARS
28 Feb	Q596/517 (low)	Haiphong Nav Base, Haiphong Port Fac, Kien An Afld, Hon Gai NVB/Shpyd, Hon Gai Port, Cam Pha Port	MARS

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COMIREX-M-91

5 March 1970

Tab D

## BUFFALO HUNTER cont.

DATE	MISSION NO.	AREAS/TARGETS	RESULTS
1 Mar	Q612/519 (low)	Kep Afld, Kep RR Yd, Phuc Yen Afld, Cam Pha Port, Hiep Hoa Afld	MARS
2 Mar	Q613/520 (low)	Bai Thuong GCI Site, Bai Thuong Afld	MARS
3 Mar	Q615A/522 (low)	Vinh TSP, Vinh GCI Site, Tan Yen GCI Site, Dong Hoi Afld, Dong Hoi TSP	MARS
4 Mar	Q614/523 (1ow)	Hoa Lac Afld, Son Dong Army Bks, Dong Song Afld	MARS
	Successf	u1 12	
	Lost	1	

## GIANT SCALE (20 February - 5 March 1970)

<u>DA TE</u>	MISSION NO.	AREAS/TARGETS	RESULTS
25 Feb	GS 230	Area Search, Dong Hoi Afld, Quang Khe TSP, Ben Thuy, Vinh My Hau, Hai Yen	Fair

A map showing coverage of North Korea by GIANT SCALE Mission 226 on 16 February 1970 is attached (page D-7).

25X1

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COMIREX-M-91 5 March 1970 Tab D

FOOD FAIR (20 February - 5 March 1970)

There was no FOOD FAIR activity during the period 20 February - 5 March 1970.

IDEALIST/TACKLE (20 February - 5 March 1970)

There was no IDEALIST/TACKLE activity during the period 20 February - 5 March 1970.

Coverage of Special Targets in South China and North Vietnam (19 February - 4 March 1970)

Coverage of special targets in South China and North Vietnam was reported as follows:

> Surveillance coverage was reported on four Lines of Communication (LOC) targets in North Vietnam and on 20 LOC targets in South China pertinent to the introduction of Chinese forces into North Vietnam (see COMOR-D-25/207, 4 March 1966). The number of LOC priority targets in South China and North Vietnam remains at 320. The specific targets on which coverage was reported are listed below:

> > 25X1A

Most Recent Previous Coverage COMIREX No Country Name LEI YANG AIRFIELD CH VNVINH AIRFIELD 25X1A LANG SON AIRFIELD W KUN MING/WU CHIA PA AIRFIELD CH HUANG PU NAVAL BASE AND SHIPYARD CHVN CAM PHA PORT FACILITIES D-325X1 25X1 Approved For Release 2004/07/07 :SEAREP 79B01709A000900040006-4

COMIREX-M-91 25X1 5 March 1970 Tab D 25X1A Most Recent Previous Coverage Name Country COMIREX No CHANG MU TOU ARMY BKS WEST AL-1 CH CHANG NING HSIN HSU ARMY BKS AL-2 CH CHANG NING HSIN HSU ARMY BKS AL-5 CH CHE TIEN ARMY BKS AL-1 CH LEI YANG ARMY BKS WSW AL-1 CH LAN TSANG ARMY BKS NORTH AL-1 CH PO SHANG ARMY BKS AL-1 CHHSIA KUAN HQ 42 INF DIV AND 25X1A CHBKS AL-1 HUANG PU ARMY SUPPLY DEPOT E LL-1 CH KUN MING GENERAL SUPPLY DPO CH KUN MING ARMY STORAGE SE NO 4 CHLIN TSANG ARMY BKS AL-1 CH

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SHUANG CHIANG ARMY BKS N AL-1

CHU HAI BKS AND STOR AREA E LL-1

CHIU WENG YUAN ARMY BKS NE AL-1

KUN MING RR TRNSLDG YDS STN A SHOPS

HAI PHONG RR STA YD A SHOPS

PU ERH ARMY BARRACKS NORTH

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COMIREX-M-91 5 March 1970 Tab D

25X1

b. Coverage of North Vietnam to detect the possible introduction or deployment of offensive missile systems (see COMOR-D-25/200, 23 May 1967, and COMIREX-D-25.3/2, 20 November 1967) is shown on the attached grid maps (pages D-8 and D-9) for the following time periods:

#### PERIOD

## MISSIONS NOT REPORTED

12 - 18 February 1970

1 BUMPY ACTION

19 - 25 February 1970

5 BUMPY ACTIONS

#### **CUBA**

#### OLD HEAD (20 February - 5 March 1970)

DATE	MISSION NO.	<u>RESULTS</u>		
24 Feb	G115	Successful, 40.	7% coverage	
		<u>RECA P</u>		
DATE	MISSION NO.	<u>NET</u>	CUMULATIVE	
24 Feb	G115	40.7%	40.7%	

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## Approved For Release 2004/07 OP: SECRET 9B01709A000900040006-4

COMIREX-M-91 5 March 1970 Tab D

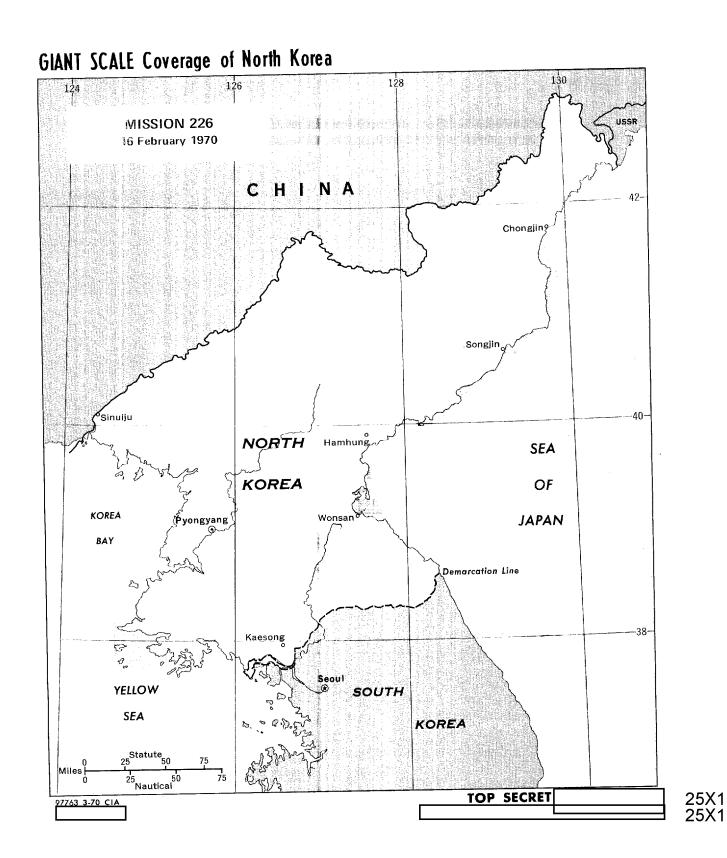
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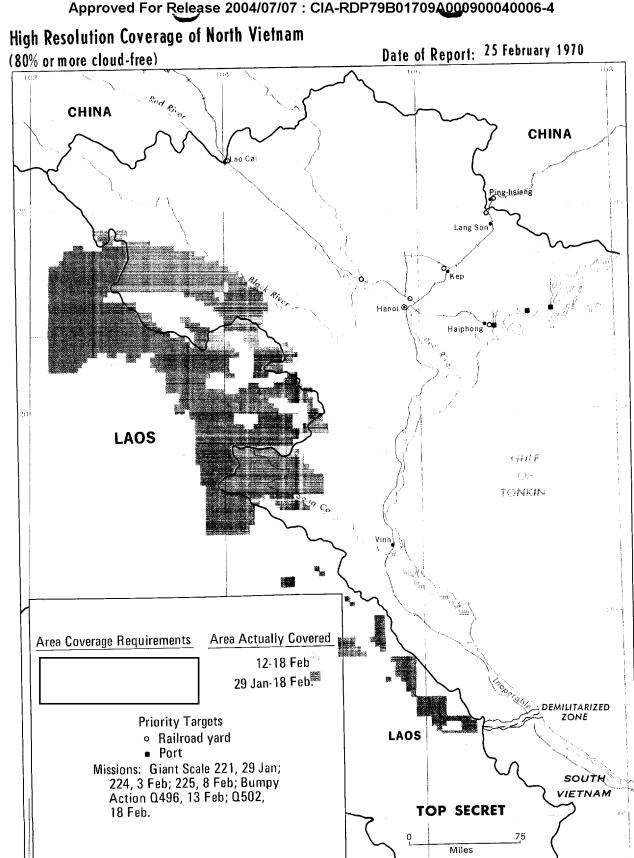
## Status of 56-day Coverage Requirement

The status of coverage for the 56-day periods shown below is as follows:

PERIOD	AREA COVERAGE I	TARGET COVERAGE	NUMBER OF MISSIONS Flown Exploited		
TIVION			<del></del>	Area	Targets
l Jan - 25 Feb 70	94.1	155 of 177	5	5	4
7 Jan - 4 Mar 70	81.2	113 of 177	14	24	3

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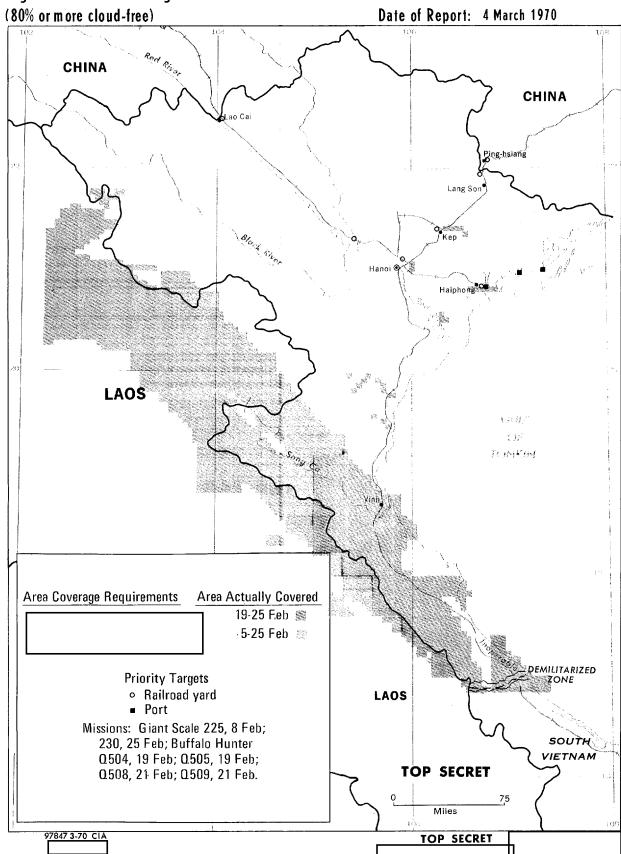
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97764 2-70 CIA

## Approved For Release 2004/07/07: CIA-RDP79B01709A000900040006-4

## High Resolution Coverage of North Vietnam



25X1

# Approved For Release 2004/09/07 SEGARED 79B01709A000900040006-4

Tab E

## DEFENSE INTELLIGENCE AGENCY Washington, D. C. 20301

C O P Y

5 March 1970

MEMORANDUM FOR: The Committee on Imagery Requirements

and Exploitation

SUBJECT : Cuba Photographic Coverage

Reference : Proposed USIB memorandum from COMIREX,

subject as above.

- 1. The JCS has approved the deletion of the current two-week target sampling requirement on Cuba and has recommended that periodic photographic overflights be maintained at a frequency of no less than 30 day intervals to maintain presence and to provide for operational consistency.
- 2. Reduction of the requirement for coverage of the total land mass every 56 days was not addressed by the JCS and, by separate action, the JCS has directed DIA to prepare such a study and forward their recommendations to the JCS as a coordinated DoD position.
- 3. DIA presently is in the process of securing CINCLANT views on a proposal to reduce the area coverage requirements to a once quarterly basis. Upon receipt of CINCLANT's response (11 March 1970), a DoD position will be effected by DIA as soon as possible, but not later than 20 March 1970.
- 4. Request that submission of the referenced memorandum be held in abeyance until such time as the action in paragraph 3. is completed.

/s/
DIA Member
COMIREX

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#### COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

## Meeting Highlights

COMIREX-M-91, 5 March 1970.

### 1. Satellite Operations

#### CORONA

The NRO reports successful orbit of KH-4B Mission 1109 on Wednesday, 4 March. First bucket return is scheduled for 13 March, but may be earlier due to favorable weather encountered over most areas. Significant exceptions, however, are the East Europe and critical Western USSR areas where storm conditions prevail and much of Communist China.

DIA and the Services are particularly interested in getting coverage of the Soviet Belorussian Military District bordering Czechoslovakia where field exercise Dvina is under way. They are to work with ICRS during course of 1109 to assure the NRO receives priority guidance in attempting to photograph this area.

Mission 1109 was originally scheduled for 18 February but was postponed because of serious problems with Ultra-thin Base (UTB) film. As a result, UTB film will not be used in the CORONA Program. Only three other KH-4 missions are scheduled for 1970 -- on 20 May, 19 August, and 18 November.

25X1D

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The Chairman stated he had been asked to provide the DCI with a report on the status of the Cuba requirement and the action taken. He would recommend that COMIREX await DIA/CINCLANT coordination, with the expectation that the Committee could then rapidly complete its action and quickly forward the revised requirement to USIB. In any case, however, COMIREX could not delay this action beyond the presently promised due-date for the DIA contribution.

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25X1A			
	4. NRO:	Two briefings were provided to the Committee by the	
25X1A	;	briefed the Committee on USAF satellite weather support for NRO operations.	
25X1A		briefed the Committee on the status and capabilities of various improved films under development by the NRO. He highlighted and illustrated with sample slides the advantages anticipated from two of these, in particular. SO-340, a high-speed, Tri-X aerial film which	
		shows considerable and SO-349, a high-definition aerial film which provides better detail and could be of particular benefit in improving KH-4 imagery.	25X1
25X1C			